

### Protein concentration determination

- Purified protein (100 µL) is diluted in 900 µL of dialysis buffer (1:10) and transferred to a quartz cuvette (1 cm)
- Protein is measured against dialysis buffer as blank with the wave scan program of Ultrospec™ 6300 pro UV/vis-spectrometer

$$C_{protein} = \frac{A}{\varepsilon \cdot d} \cdot 10$$

$C_{protein}$  = protein concentration

$A$  = absorbance

$d$  = path length

$\varepsilon$  = extinction coefficient was determined with ProtParam at 28085 cm/M